Automated Commercial Environment | Development Schedule

Increments

#	Increment	Dates
1	Increment 1	February 12 - May 7, 2013
2	Increment 2	May 8 - August 6, 2013
3	Increment 3	August 7 - November 5, 2013
4	Increment 4	November 6, 2013 - February 4, 2014
5	Increment 5	February 5 - May 6, 2014
6	Increment 6	May 7 - August 5, 2014
7	Increment 7	August 6 - November 4, 2014
8	Increment 8	November 5, 2014 - February 3, 2015
9	Increment 9	February 4 - May 5, 2015
10	Increment 10	May 6 - August 4, 2015
11	Increment 11	August 5 - November 3, 2015
12	Increment 12	November 4, 2015 - February 2, 2016

PRE-ARRIVAL — Manifest

Increment	Content
3	• Vessel Management System (VMS)
4	• Air Manifest Processing › Accept Data and Reply
5	• Air Manifest Processing
6	• Air Manifest Processing › Import EDI Air Manifest
7	• Air Manifest Processing › Import EDI Air Manifest Splits, Departure messages and Notifications › Import UI Air Manifest › Import Air Manifest External Interfaces
8	• Air Manifest Processing: › EDI for Arrival and Query › In-Bond QX/WX Conversion
11	• Manifest Interface w/ Findings
12	• Air Manifest: › Integration with ACAS

ARRIVAL — Cargo Release (CR)

Increment	Content
1	• Air Processing › Corrections & Cancellations
2	• Air Processing › In-Bonds › Partial Quantities › Split Shipments (Hold All & Immediate Delivery) • Upgrade GUI for CBP
3	• Single Accept/Reject message for system responses • Ocean/Rail Processing › Corrections & Cancellations › No In-Bonds › No Partials • Mail Entry Writing System (MEWS) • Data Build-out • Finish Cancellation Process from ACE Entry Summaries to ACE Cargo Release (CR)
4	• Air, Ocean & Rail Processing › Certified from Entry Summary › Partial Quantities • Truck Processing: › Corrections & Cancellations › No In-Bonds › No Partials
5	• Single CR filing to include ISF data • Diversion Process: National/Local Level • Truck Processing: › In-Bonds › Holds
6	• GUI Capabilities • Trade Ability to Query Entries via ABI (Cargo / Manifest / Entry Release Query) • Non-ABI Entries • Truck Processing: › Partial Quantities • Diversion Process: National/Local Level
7	• Non-ABI Entries (con't) • Automated Entry Types: › 03, 21, 22, 23, 31, 34 • Certified from Entry Summary - All Modes (Fix to Deployment C)
8	• Automated Entry Types: › 02, 07, 12 • CBP-Initiated Corrections • PGA Request for Redelivery
9	• Automated Entry Types: › 02, 06, 07, 12, 32, 52 • Remote Location Filing (RLF) • Pipeline Entries • Mobility Apps for Counter Processing › Entry Type 11 › Certificate of Registration - CBPF 4455
10	• Refactor ISF in ACE • Truck Business Rules • Expedited Release (BRASS, FAST, Line Release)
11	• FTZ Admissions
12	• FTZ Admissions (cont)

POST RELEASE — Entry Summary (ES), Accounts & Revenue

Increment	Content
1	• System Validations: › Harbor Maintenance Fee
2	• System Validations: › Classification • Single Accept or Reject message for system responses
3	• System Validations: › Simple Duty Calculations
4	• System Validations: › Complex Duty Calculations › Merchandise Processing Fee (MPF)
5	• System Validations: › Informal Entry Restrictions › Charges Restrictions › Taxes › Other Fees • Electronic Bond Processing (1)
6	• ACE ES Foundation and Framework Stabilization (PRs, CRs, IRs) • Electronic Bond Processing (2) • Importer Accounts/5106 Changes • Transition Collections to new ACE Architecture (1)
7	• Refactor Entry Summary Types 01, 03 and 11 • Statements • Electronic Bond Processing (3) • Exporter Accounts • Transition Collections to new ACE Architecture (2)
8	• Refactor Entry Summary Types 01, 03 and 11 (con't) • Statements (con't) • Exporter Accounts (con't) • Automated Entry Summary Types: › 02, 07, 12 • Quota Master Data • Transition Collections to new ACE Architecture (3)
9	• Automated Entry Summary Types: › 02, 07 (cont) › 06, 12, 23, 31, 32, 34, 38, 51, 52 • Statements (con't) • Quota Master Data (con't) • System Validations: › Quota › Trade Ability to Query Quota via ABI • Non-ABI Entry Summary • Remote Location Filing (RLF) • Transition Collections to new ACE Architecture (4) • Mobility App for Importer Accounts/ 5106 Changes
10	• Drawback • Liquidation • Protest • Reconciliation • HTS Database • Transition Collections to new ACE Architecture (5)
11	• Drawback (con't) • Liquidation (con't) • Protest (con't) • Reconciliation (con't) • HTS Database (con't) • Queries for Historical and Archived ACS data • Transition Automated Surety Interface (ASI) • SEACATS interfaces • Transition Collections to new ACE Architecture (6)
12	• Drawback (con't) • Liquidation (con't) • Protest (con't) • Queries for Historical & Archived ACS data (con't) • NAFTA Duty Deferral • Refactor Validation Activity Module • Create Lab Sample Records • System Validations: › Tariff Usage Restrictions › Licenses, permits, certificates • AD/CVD Case Management Enhancements

Continue with post-core development.

EXPORTS

Increment	Content
1	• AES commodity re-engineering including Census & BIS reg changes
2	• AES commodity re-engineering including Census & BIS reg changes
3	• AES commodity re-engineering • Manifest Foundation • AES New Features
5	• Air Manifest Processing • Transition AES Commodity Capabilities to new ACE Architecture • Transition AES Ocean vessel transportation module to ACE platform
6	• Air Manifest Processing (Cargo-IMP and Cargo-XML) • Air GUI Updates
7	• Ocean/Rail Manifest (ANSI X12) Processing • Transition AES Direct › Create ACE Portal User Interface
8	• Export Validation Messages and Holds (Air/Ocean/Rail) • Message Set Translations › IATA2, Air and Ocean CAMIR • Transition AES Direct › Maintain Filing Data in Response Manager
9	• Transition AES Direct › EEI Template Manager and Party Profile Manager
10	• Truck Manifest Processing (Canada/Mexico) › Hold Processing › Finding Development Processing • Message Set Translations › Unified XML Multi Modal Manifest Set • Transition AES Direct › Additional Filing Functions

PGA INTEGRATION

Document Image System (DIS)

Increment	Content
1	• APHIS • CDC • EPA • FSIS • NMFS
6	• APHIS • CDC
8	• FWS
9	• OTEXA
10	• IRS
12	• DEA • E&C

Interoperability Web Services (IWS) and Other Data Feeds

Increment	Content
1	• FSIS • CPSC • USCG
2	• APHIS (Streamlined Findings Input)
3	• APHIS (Streamlined Findings Input)
5	• AMS • NMFS • TTB
6	• NHTSA
7	• APHIS (309)
8	• APHIS (EAN) • FDA • FCC
9	• BTS • FDA • FWS • PHMSA
10	• BIS • EIA • E&C, OTEXA
11	• BLS • IRS
12	• FMC • USTR

PGA Message Set

Increment	Content
1	• EPA (Ozone Depleting Substances)
2	• EPA (Vehicles & Engines) • FSIS (Application for Inspection)
6	• APHIS Lacey Act • CDC (Human Blood) • FDA (Start) • NHTSA • NMFS • EPA (Pesticides) • EPA (Vehicles & Engines)
7	• FDA
8	• AMS • FDA • USDA (Cut Flowers)
9	• FAS • FCC • FDA • FWS • TTB
10	• E&C (Steel Licensing) • USACE
11	• CPSC

Other Data Exchange Types

Increment	Content
3	• Data: Census, NRC
4	• BIS (Export: Licensing Forms)
6	• EPA (Exports: Haz. Waste) • AMS (Exports: Apples & Grapes)
7	• DEA (Exports: Precursor and Controlled Chemical Shipments) • OFAC (Export: Licensing Forms)
9	• FWS (Export Licensing Forms) • NMFS (Export: Licensing Forms)
10	• BIS (Export Decrementation) • DDTC (Export Content)
12	• Data: A/LM, OFM, OES

TECHNICAL SERVICES

ABI Profiles | Critical fixes | Document Image System | Reports | Logging and audit services | Miscellaneous technical services | Security services

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Schedule subject to change. Current schedule available on CBP.gov/ACE.
Certification environment for testing planned 8 weeks ahead of deployment.

Automated Commercial Environment | Deployment Schedule

ACE

	Deployments A – D			Deployment E			Deployment F	Deployment G	Entry Code and Description
	November 2, 2013 - January 3, 2015 — Increments 1 - 7			April 18, 2015 / June 27, 2015 — Increments 8 and 9		October 31, 2015 — Increments 10	January 9, 2016 — Increments 11	July 2, 2016 — Increments 12	

PRE-ARRIVAL — Manifest

Dep. B
- Vessel Management System (VMS)

Dep. D
- Air Manifest Processing

- Manifest Interface with Findings (Deployment F)

Air Manifest: (Deployment G)
- › Integration with ACAS (Dependent on Regulatory Changes)

ARRIVAL — Cargo Release

Dep. A
- Air Processing
  - › Corrections & Cancellations
  - › In-Bonds
  - › Partial Quantities
  - › Split Shipments (Hold All & Immediate Delivery)
- Upgraded GUI for CBP Personnel

Dep. B
- Ocean/Rail Processing
  - › Corrections & Cancellations
  - › No In-Bonds
  - › No Partials
- Single Accept/Reject message for system response
- Mail Entry Writing System (MEWS)

Dep. C
- Air Processing
  - › Certified from Entry Summary
- Ocean/Rail Processing
  - › In-Bonds
  - › Partials
  - › Certified from Entry Summary
- Truck Processing
  - › Corrections & Cancellations
  - › No In-Bonds
  - › No Partials

Dep. D
- Single CR filing to include ISF data
- Trade Ability to Query Entries via ABI (Cargo/Manifest/Entry Release Query)
- Truck Processing
  - › Partial Quantities
  - › In-Bonds
  - › Non-ABI Entries
- Automated Entry Types:
  - › 03
- Certified from Entry Summary - All Modes (Fix to Deployment C)

Deployment E:
- CBP-Initiated Corrections
- PGA Request for Redelivery
- Automated Entry Types:
  - › 02, 06, 07, 12, 21, 22, 23, 31, 32, 34, 52
- Remote Location Filing (RLF)
- CBP Ability to Initiate Redelivery
- Pipeline Entries
- Mobility Apps for Counter Processing
  - › Entry Type 11
  - › Certificate of Registration - CBPF 4455

Deployment E (Oct 31):
- Expedited Release (BRASS, FAST, Line Release)

Deployment F:
- Diversion Process: National/Local Level

Deployment G:
- FTZ Admissions

POST RELEASE — Entry Summary, Accounts & Revenue

Dep. A
- System Validations:
  - › Harbor Maintenance Fee
  - › Classification
- Single Accept or Reject message for system responses

Dep. B
- System Validations:
  - › Simple Duty Calculations

Dep. C
- System Validations:
  - › Complex Duty Calculations
  - › Merchandise Processing Fee (MPF)

Dep. D
- System Validations:
  - › Informal Entry Restrictions
  - › Charges Restrictions
  - › Taxes
  - › Other Fees
- ACE ES Foundation and Framework Stabilization (PRs, CRs, IRs)
- Electronic Bond Processing:
  - › Single Transaction Bonds (STB)
  - › Continuous Bonds

Deployment E:
- Exporter Accounts
- Refactor Entry Summary Types 01, 03 and 11
- Non-ABI Entry Summary
- Automated Entry Summary Types:
  - › 02, 06, 07, 12, 21, 22, 23, 31, 32, 34, 38, 51, 52
- Remote Location Filing (RLF)
- Quota Master Data
- System Validations:
  - › Quota
- Trade Ability to Query Quota via ABI

Deployment E (Oct 31):
- Statements
- Importer Accounts/5106 Changes and Mobility App

Deployment F:
- Reconciliation
- SEACATS interfaces
- Transition:
  - › Collections to new ACE Architecture
  - › Automated Surety Interface (ASI)

Deployment G:
- Drawback
- Liquidation
- Protest
- NAFTA Duty Deferral
- HTS Database
- Refactor Validation Activity Module
- Create Lab Sample Records
- Queries for Historical & Archived ACS data
- System Validations:
  - › Tariff Usage Restrictions
  - › Licenses, permits, certificates
- AD/CVD Case Management Enhancements

EXPORTS

Dep. C
- Commodity Processing
  - › Support for Census and BIS Regulatory Filings

Dep. D
- Air Manifest Processing (Pilot Efforts Pending Publication of Federal Register Notice)

- Ocean/Rail Manifest Processing (Pilot Efforts Pending Publication of Federal Register Notice)

Deployment E:
- Export Validation Messages and Holds (Air/Ocean/Rail)

Deployment E (Oct 31):
- Truck Manifest Processing (Canada/Mexico) (Pilot Efforts Pending Publication of Federal Register Notice)

Deployment F:
- Transition AES Direct features to ACE

PGA INTEGRATION

Document Image System (DIS)

Dep. A
- APHIS
- CDC
- EPA
- FSIS
- NMFS

Dep. D
- APHIS
- CDC

Deployment E:
- FWS
- OTEXA

Deployment F:
- IRS

Deployment G:
- DEA
- E&C

Interoperability Web Services (IWS) and Other Data Feeds

Dep. A
- FSIS
- CPSC
- USCG

Dep. B
- APHIS (Streamlined Findings Input)

Dep. D
- AMS
- NMFS
- TTB
- NHTSA
- APHIS (309)

Deployment E (April):
- APHIS (EAN)

Deployment E:
- BTS
- FCC
- FDA
- FWS
- PHMSA

Deployment F:
- BIS
- BLS
- EIA
- E&C
- OTEXA
- IRS

Deployment G:
- FMC
- USTR

PGA Message Set

Dep. A
- EPA (Ozone Depleting Substances)
- EPA (Vehicles & Engines)
- FSIS (Application for Inspection)

Dep. D
- APHIS Lacey Act
- CDC (Human Blood)
- NHTSA
- NMFS
- EPA (Pesticides)
- EPA (Vehicles & Engines)

Deployment E (April):
- AMS

Deployment E:
- FAS
- FCC
- FDA
- FWS
- TTB
- USDA (Cut Flowers)

Deployment F:
- E&C (Steel Licensing)
- USACE
- CPSC

Other Data Exchange

Dep. B
- Data: Census, NRC

Dep. C
- BIS (Export: Licensing Forms)

Dep. D
- EPA (Exports: Haz. Waste)
- AMS (Exports: Apples & Grapes)

- DEA (Export: Precursor and Controlled Chemical Shipments)
- OFAC (Export: Licensing Forms)

Deployment E:
- FWS (Export: Licensing Forms)
- NMFS (Export: Licensing Forms)

Deployment F:
- BIS (Export Decrementation)
- DDTC (Export Content)

Deployment G:
- Data: A/LM, OFM, OES

TECHNICAL SERVICES

ABI Profiles | Critical fixes | Document Image System | Reports | Logging and audit services | Miscellaneous technical services | Security services

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Vertical milestone notes:
- May 1, 2015: Mandatory use of ACE for all electronic manifest filings.
- November 1, 2015: Mandatory use of ACE for all electronic cargo release and related entry summary filings.
- October 1, 2016: Mandatory use of ACE for all remaining electronic portions of the CBP cargo process.

Entry Code and Description

- 00 - Consumption Category
- 01 - Consumption - Free and Dutiable
- 02 - Consumption - Quota/Visa
- 03 - Consumption - Antidumping/Countervailing Duty)
- 04 - Appraisement
- 05 - Vessel - Repair
- 06 - Consumption - Foreign Trade Zone (FTZ)
- 07 - Consumption - Antidumping/Countervailing Duty and Quota/Visa Combination
- 08 - NAFTA Duty Deferral
- 09 - Reconciliation Summary
- 10 - Informal Category
- 11 - Informal - Free and Dutiable
- 12 - Informal - Quota/Visa (other than textiles)
- 20 - Warehouse Category
- 21 - Warehouse
- 22 - Re-Warehouse
- 23 - Temporary Importation Bond (TIB)
- 24 - Trade Fair
- 25 - Permanent Exhibition
- 26 - Warehouse - Foreign Trade Zone (FTZ) (Admission)
- 30 - Warehouse Withdrawal Category
- 31 - Warehouse Withdrawal Consumption
- 32 - Warehouse Withdrawal - Quota
- 33 - Aircraft and Vessel Supply (For Immediate Exportation)
- 34 - Warehouse Withdrawal Antidumping/Countervailing Duty
- 38 - Warehouse Withdrawal Antidumping/Countervailing Duty & Quota/Visa Combination
- 40 - Drawback Category
- 41 - Direct Identification Manufacturing Drawback
- 42 - Direct Identification Unused Merchandise Drawback
- 43 - Rejected Merchandise Drawback
- 44 - Substitution Manufacturer Drawback
- 45 - Substitution Unused Merchandise Drawback
- 46 - Other Drawback
- 50 - Government Category
- 51 - Defense Contract Administration Service Region (DCASR)
- 52 - Government - Dutiable
- 60 - Transportation Category
- 61 - Immediate Transportation
- 62 - Transportation and Exportation
- 63 - Immediate Exportation
- 64 - Barge Movement
- 65 - Permit to Proceed
- 66 - Baggage
- 90 - Special Entry Processing - Not in Use

Below are the significant changes to the schedule from Version 8.1/December to 8.2/January.

General:

- Moved Increment 7 content under Deployments A-D on Deployment schedule
- Changed date for second release of Deployment E from July 4, 2015 to June 27, 2015
- Changed date for second release of Deployment F from January 2, 2016 to January 9, 2016

ARRIVAL
Cargo Release
	• Automated Entry Types
	    ○ Extended development for Types 02, 07 and 12 into Increment 9
	    ○ Removed Entry Types 38 and 51 from Increment 9/Deployment E (June) because they do not have an entry/cargo release component
	• Added Pipeline entries to Increment 9/Deployment E (June)
	• Added Mobility Apps for Counter Processing to Increment 9 and Deployment E (June)
	    ○ Entry Type 11
	    ○ Certificate of Registration – CBPF 4455

POST RELEASE (Entry Summary, Accounts, Revenue)	• Exporter Accounts
	    ○ Shifted from Deployment E (April) to Deployment E (June) due to regulation delay
	• Importer Accounts/5106 Changes
	    ○ Shifted from Deployment E (April) to Deployment F (October) due to regulation delay
	    ○ Added Mobility App to Increment 9 and Deployment F (October)
	• Quota Restrictions
	    ○ Renamed to "System Validations –Quota" for naming consistency with other validations
	    ○ Shifted development from Increment 8 to Increment 9
	• Statements
	    ○ Extended development into Increment 9
	• Quota Master Data
	    ○ Extended development into Increment 9
	• Trade Ability to Query Quota via ABI
	    ○ Added to Increment 9/Deployment E (June)
	• Warehouse Tracking
	    ○ Removed from Increment 9/Deployment F (Jan 2016) and placed on Product Backlog, as capability is not part of core trade processing
	• NAFTA Duty Deferral
	    ○ Shifted development from Increment 10 to Increment 12, and from Deployment F (Jan 2016) to Deployment G (July 2016)
	• Drawback
	    ○ Extended development into Increment 12
	    ○ Shifted from Deployment F (Jan 2016) to Deployment G (July 2016)
	• Liquidation
	    ○ Extended development into Increment 12
	    ○ Shifted from Deployment F (Jan 2016) to Deployment G (July 2016)
	• Protest
	    ○ Shifted development from Increment 11/12 to Increments 10/11/12
	• Queries for Historical and Archived ACS data
	    ○ Shifted development from Increments 10/12 to Increments 11/12
	• Transition Automated Surety Interface (ASI)
	    ○ Shifted development from Increment 10 to Increment 11and from Deployment F (Oct 2015) to Deployment F (Jan 2016)
	• HTS Database
	    ○ Shifted development from Increments 11/12 to Increments 10/11
	• AD/CVD Case Management Enhancements

	○ Shifted from Product Backlog to Increment 12/Deployment G (July 2016) due to request from Dept of Commerce - System Validations (Tariff Usage Restrictions and Licenses, permits, certificates) ○ Shifted from Product Backlog to Increment 12/Deployment G (July 2016)
EXPORTS	- Truck Manifest Processing (Canada/Mexico) (Pilot Efforts Pending Publication of Federal Register Notice) ○ Shifted development from Increment 9 to Increment 10, and from Deployment E (Jun) to Deployment F (October)
PGA INTEGRATION	These capabilities have been updated based on additional information received from the PGAs. - PGA Message Set ○ Extended development for FDA into Increment 9 and shifted from Deployment E (April) to Deployment E (June) - Interoperability Web Services and Other Data Feeds ○ Extended development for FDA into Increment 9 and shifted from Deployment E (April) to Deployment E (June)